

**Table A-1a. Summary statistics for measured chemical concentrations in fish (Data from Inventory 20 [2000]).**

Chemical	Units	FOD (%)	River Segment 1						95th Percentile
			Mean	SD	Min	Max	N	95% UCL	
<b>Metals</b>									
Arsenic	mg/kg	11	0.019	0.000	0.019	0.020	4	0.020	0.020
Cadmium	mg/kg	100	0.008	0.002	0.006	0.011	4	0.010	0.013
Lead	mg/kg	94	0.181	0.069	0.125	0.280	4	0.262	0.343
Mercury	mg/kg	44	0.011	0.001	0.010	0.011	4	0.011	0.012
Selenium	mg/kg	94	0.377	0.556	0.092	1.210	4	1.030	1.684
<b>PCBs</b>									
PCB-1242	mg/kg	83	0.774	0.077	0.686	0.873	4	0.865	0.956
PCB-1260	mg/kg	94	0.099	0.028	0.074	0.138	4	0.132	0.164
<b>Pesticides</b>									
4,4'-DDD	mg/kg	100	0.019	0.004	0.013	0.022	4	0.024	0.030
4,4'-DDE	mg/kg	100	0.057	0.012	0.043	0.067	4	0.070	0.084
4,4'-DDT	mg/kg	50	0.002	0.001	0.002	0.004	4	0.004	0.005
Aldrin	mg/kg	17	0.002	0.000	0.002	0.002	4	0.002	0.002
alpha-Chlordane	mg/kg	67	0.002	0.001	0.002	0.004	4	0.004	0.005
cis-Nonachlor	mg/kg	39	0.003	0.001	0.002	0.005	4	0.004	0.006
Dieldrin	mg/kg	94	0.011	0.003	0.007	0.013	4	0.014	0.018
gamma-Chlordane	mg/kg	83	0.015	0.003	0.013	0.019	4	0.018	0.022
Heptachlor	mg/kg	17	0.002	0.000	0.002	0.002	4	0.002	0.002
Heptachlor epoxide	mg/kg	33	0.002	0.000	0.002	0.002	4	0.002	0.002
Oxychlordane	mg/kg	56	0.006	0.004	0.002	0.011	4	0.011	0.016
trans-Nonachlor	mg/kg	61	0.004	0.003	0.002	0.009	4	0.008	0.012

FOD - Frequency of detection

SD - Standard deviation

N - Number of samples counted

**Table A-1a. Summary statistics for measured chemical concentrations in fish (Data from Inventory 20 [2000]).**

Chemical	Units	River Segment 2						95th Percentile
		Mean	SD	Min	Max	N	95% UCL	
<b>Metals</b>								
Arsenic	mg/kg	0.020	0.000	0.019	0.020	3	0.020	0.020
Cadmium	mg/kg	0.008	0.003	0.007	0.012	3	0.013	0.016
Lead	mg/kg	0.295	0.076	0.218	0.369	3	0.422	0.516
Mercury	mg/kg	0.017	0.013	0.008	0.033	3	0.040	0.057
Selenium	mg/kg	0.094	0.005	0.089	0.097	3	0.102	0.108
<b>PCBs</b>								
PCB-1242	mg/kg	1.773	0.616	1.350	2.480	3	2.812	3.572
PCB-1260	mg/kg	0.229	0.114	0.128	0.352	3	0.421	0.561
<b>Pesticides</b>								
4,4'-DDD	mg/kg	0.030	0.009	0.022	0.039	3	0.045	0.056
4,4'-DDE	mg/kg	0.108	0.033	0.070	0.130	3	0.164	0.205
4,4'-DDT	mg/kg	0.004	0.003	0.002	0.008	3	0.009	0.013
Aldrin	mg/kg	0.002	0.000	0.002	0.002	3	0.002	0.002
alpha-Chlordane	mg/kg	0.003	0.002	0.002	0.006	3	0.007	0.010
cis-Nonachlor	mg/kg	0.003	0.001	0.002	0.004	3	0.005	0.006
Dieldrin	mg/kg	0.010	0.003	0.007	0.012	3	0.014	0.017
gamma-Chlordane	mg/kg	0.022	0.008	0.014	0.030	3	0.036	0.047
Heptachlor	mg/kg	0.010	0.013	0.002	0.025	3	0.032	0.048
Heptachlor epoxide	mg/kg	0.003	0.001	0.002	0.004	3	0.005	0.007
Oxychlordane	mg/kg	0.010	0.008	0.002	0.017	3	0.023	0.033
trans-Nonachlor	mg/kg	0.007	0.005	0.002	0.012	3	0.015	0.021

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**Table A-1a. Summary statistics for measured chemical concentrations in fish (Data from Inventory 20 [2000]).**

Chemical	Units	River Segment 3						95th Percentile
		Mean	SD	Min	Max	N	95% UCL	
<b>Metals</b>								
Arsenic	mg/kg	0.028	0.019	0.019	0.062	5	0.046	0.069
Cadmium	mg/kg	0.015	0.009	0.008	0.028	5	0.024	0.035
Lead	mg/kg	0.438	0.411	0.218	1.170	5	0.830	1.314
Mercury	mg/kg	0.018	0.010	0.010	0.030	5	0.028	0.039
Selenium	mg/kg	0.413	0.691	0.086	1.650	5	1.073	1.887
<b>PCBs</b>								
PCB-1242	mg/kg	1.934	0.528	1.070	2.440	5	2.437	3.059
PCB-1260	mg/kg	0.147	0.033	0.106	0.184	5	0.179	0.218
<b>Pesticides</b>								
4,4'-DDD	mg/kg	0.044	0.013	0.030	0.061	5	0.057	0.072
4,4'-DDE	mg/kg	0.104	0.019	0.082	0.125	5	0.123	0.145
4,4'-DDT	mg/kg	0.008	0.004	0.002	0.013	5	0.012	0.017
Aldrin	mg/kg	0.004	0.002	0.002	0.005	5	0.005	0.008
alpha-Chlordane	mg/kg	0.010	0.006	0.005	0.019	5	0.015	0.022
cis-Nonachlor	mg/kg	0.004	0.004	0.002	0.010	5	0.008	0.012
Dieldrin	mg/kg	0.015	0.003	0.012	0.020	5	0.019	0.023
gamma-Chlordane	mg/kg	0.024	0.015	0.013	0.049	5	0.038	0.055
Heptachlor	mg/kg	0.012	0.014	0.002	0.032	5	0.026	0.042
Heptachlor epoxide	mg/kg	0.003	0.002	0.002	0.007	5	0.005	0.008
Oxychlordane	mg/kg	0.010	0.009	0.002	0.023	5	0.019	0.030
trans-Nonachlor	mg/kg	0.012	0.006	0.002	0.018	5	0.018	0.025

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**Table A-1a. Summary statistics for measured chemical concentrations in fish (Data from Inventory 20 [2000]).**

Chemical	Units	River Segment 4						95th Percentile
		Mean	SD	Min	Max	N	95% UCL	
<b>Metals</b>								
Arsenic	mg/kg	0.020	0.000	0.019	0.020	3	0.020	0.020
Cadmium	mg/kg	0.017	0.004	0.013	0.021	3	0.024	0.029
Lead	mg/kg	0.440	0.187	0.257	0.631	3	0.756	0.987
Mercury	mg/kg	0.023	0.012	0.012	0.036	3	0.043	0.059
Selenium	mg/kg	0.296	0.243	0.122	0.574	3	0.706	1.006
<b>PCBs</b>								
PCB-1242	mg/kg	0.778	0.740	0.293	1.630	3	2.026	2.939
PCB-1260	mg/kg	0.100	0.007	0.092	0.105	3	0.113	0.122
<b>Pesticides</b>								
4,4'-DDD	mg/kg	0.039	0.014	0.026	0.054	3	0.064	0.081
4,4'-DDE	mg/kg	0.066	0.019	0.047	0.083	3	0.097	0.120
4,4'-DDT	mg/kg	0.009	0.006	0.002	0.014	3	0.020	0.027
Aldrin	mg/kg	0.002	0.000	0.002	0.002	3	0.002	0.002
alpha-Chlordane	mg/kg	0.010	0.006	0.006	0.017	3	0.020	0.028
cis-Nonachlor	mg/kg	0.004	0.002	0.002	0.006	3	0.007	0.010
Dieldrin	mg/kg	0.016	0.004	0.012	0.020	3	0.022	0.026
gamma-Chlordane	mg/kg	0.014	0.018	0.002	0.035	3	0.044	0.066
Heptachlor	mg/kg	0.002	0.000	0.002	0.002	3	0.002	0.002
Heptachlor epoxide	mg/kg	0.004	0.001	0.002	0.005	3	0.006	0.008
Oxychlordane	mg/kg	0.008	0.006	0.002	0.013	3	0.018	0.024
trans-Nonachlor	mg/kg	0.010	0.007	0.002	0.015	3	0.022	0.030

FOD - Frequency of detection

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**Table A-1a. Summary statistics for measured chemical concentrations in fish (Data from Inventory 20 [2000]).**

Chemical	Units	River Segment 5						95th Percentile
		Mean	SD	Min	Max	N	95% UCL	
<b>Metals</b>								
Arsenic	mg/kg	0.043	0.041	0.020	0.090	3	0.112	0.162
Cadmium	mg/kg	0.025	0.020	0.010	0.047	3	0.058	0.083
Lead	mg/kg	0.445	0.698	0.020	1.250	3	1.621	2.482
Mercury	mg/kg	0.049	0.028	0.022	0.077	3	0.095	0.129
Selenium	mg/kg	0.424	0.267	0.180	0.709	3	0.874	1.203
<b>PCBs</b>								
PCB-1242	mg/kg	0.015	0.009	0.010	0.025	3	0.029	0.040
PCB-1260	mg/kg	0.033	0.008	0.025	0.038	3	0.046	0.055
<b>Pesticides</b>								
4,4'-DDD	mg/kg	0.039	0.020	0.018	0.059	3	0.073	0.098
4,4'-DDE	mg/kg	0.163	0.089	0.060	0.222	3	0.313	0.424
4,4'-DDT	mg/kg	0.013	0.017	0.002	0.034	3	0.043	0.064
Aldrin	mg/kg	0.003	0.002	0.002	0.005	3	0.006	0.008
alpha-Chlordane	mg/kg	0.011	0.009	0.005	0.021	3	0.026	0.037
cis-Nonachlor	mg/kg	0.005	0.003	0.002	0.009	3	0.011	0.015
Dieldrin	mg/kg	0.026	0.022	0.005	0.048	3	0.062	0.089
gamma-Chlordane	mg/kg	0.006	0.004	0.002	0.010	3	0.012	0.017
Heptachlor	mg/kg	0.003	0.002	0.002	0.005	3	0.006	0.008
Heptachlor epoxide	mg/kg	0.005	0.000	0.005	0.006	3	0.006	0.006
Oxychlordane	mg/kg	0.005	0.003	0.002	0.008	3	0.010	0.014
trans-Nonachlor	mg/kg	0.015	0.009	0.005	0.023	3	0.031	0.042

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